



DT20 Rec'd PCT/PTO 25 FEB 2003 DA C
DT20 Rec'd PCT/PTO 25 FEB 2003 PATENT #

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Sohn et al.

Attorney Docket No.: PRINP003

Application No.: 10/069,809

Examiner: UNASSIGNED

Filed: February 25, 2002

Group: UNASSIGNED

Title: MICROFLUIDIC AND NANOFUIDID
ELECTRONIC DEVICES FOR
DETECTING CHANGES IN
CAPACITANCE OF FLUIDS AND
METHODS OF USING

RECEIVED
FEB 28 2003
OFFICE OF PETITIONS

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail to: Commissioner for Patents, Washington, DC 20231 on February 19, 2003.

Signed: _____

Leslie Russell

COMMUNICATION UNDER 37 C.F.R. §1.28(c)
PAYMENT OF FEE DEFICIENCY PURSUANT TO C.F.R. §1.28(c)

Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicants request authorization to pay supplementary fees and consideration of the remarks set forth below under 37 C.F.R. §1.28(c).

WITHDRAWAL OF A SMALL ENTITY ASSERTION

On February 25, 2002, the captioned application entered the National Phase without an assertion of small entity status. A Notification of Missing Requirements Under 35 U.S.C. 371 was mailed in this application on June 7, 2002. A response to this Notification was filed by mail on November 13, 2002. The response included a payment of small entity fees for the application. This payment of fees as a small entity was made in good faith. However, Applicants believe that this payment of fees as a small entity should have been accompanied by an assertion of small entity status. 37 C.F.R. 1.27(c). Therefore Applicants desire to pay a deficiency owed and have the error excused pursuant to 37 C.F.R. 1.28(c)(2).

02/28/2003 SLUANG1 00000005 10069809

01 FC:1461

795.00 OP

PRINP003

Page 1

10/069,809



REMARKS

A small entity status payment was made in good faith in the above application. Accordingly, Applicants submit supplemental large entity fees as follows.


Fees Erroneously Paid as a Small Entity	Date	Fee Actually paid As a Small Entity	Current Fee	Deficiency Owed
Missing Requirements Surcharge	11/13/02	\$65.00	\$130.00	\$65.00
Extension for Response in Fourth Month	11/13/02	\$720.00	\$1,450.00	\$730.00
Total				\$795.00

Enclosed is our Check No. 6910 for \$795.00. This amount is believed to be sufficient to make up the deficiency between the amount of the fees paid and the amount of fees that would be due at the large entity rate. Please credit any overpayment to the same account. The Commissioner is authorized to charge any other fees that may be due to our Deposit Account No. 500388 (Order No. PRINP003).

If additional issues need to be addressed, please telephone the undersigned at (510) 843-6200.

Respectfully submitted,

BEYER WEAVER & THOMAS, LLP


Jeffrey K. Weaver
Reg. No. 31,314

P.O. Box 778
Berkeley, CA 94704-0778
(510) 843-6200



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Sohn et al.

Attorney Docket No.: PRINP003

Application No.: 10/069,809

Examiner: UNASSIGNED

Filed: February 25, 2002

Group: UNASSIGNED

Title: MICROFLUIDIC AND NANOFUID
ELECTRONIC DEVICES FOR
DETECTING CHANGES IN
CAPACITANCE OF FLUIDS AND
METHODS OF USING

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail to: Commissioner for Patents, Washington, DC 20231 on February 19, 2003.

Signed: _____

Leslie Russell

ASSERTION OF SMALL ENTITY STATUS UNDER 37 C.F.R. §1.27(c)(1)

Commissioner for Patents
Washington, D.C. 20231

Sir:

RECEIVED
FEB 28 2003
OFFICE OF PETITIONS

Applicants hereby assert that they are entitled to Small Entity Status under 37 C.F.R. §1.27 for purposes of prosecuting the above-captioned patent application.

If additional issues need to be addressed, please telephone the undersigned at (510) 843-6200.

Respectfully submitted,

BEYER WEAVER & THOMAS, LLP

Jeffrey K. Weaver

Reg. No. 31,314

P.O. Box 778
Berkeley, CA 94704-0778
(510) 843-6200

INITIAL SCREENING OF INCOMING PAPERS CHECKLIST

Reviewer: RC Chase

Date: 3-3-03

APPLICATION NO. 10/069809

1. PETITION TYPE CODE

☐ R137(a) Petition-----501
☐ R137(a) Petition-----509
 (Issue Fee/Dwgs)
☐ R137(b) Petition-----502
☐ R137(b) Petition-----510
 (Issue Fee/Dwgs)
☐ R137(f) Petition-----536
☐ R182 Petition-----519
☐ R183 Petition-----503
☐ R378(b) Petition-----532
☐ R378(c) Petition-----533
☐ R377 Petition-----521
☐ R3.81(b) Petition-----523
☐ R181 Petition-----515
☐ R181 Petition-----504

PETITION TYPE CODE

☒ R28c Petition-----321/320
☐ R47 Petition-----313
☐ R53(e) Petition-----408
☐ R53 (R62 filing date)-----410
☐ R10 Petition-----411
☐ Lost Application-----412
☐ R78(a)(3) Petition-----535
☐ R78(a)(6) Petition-----535
☐ R55(c) Petition-----535
☐ R314 Petition-----508
☐ R55(a) Petition-----507
☐ Pet. W/D Abn-----525
☐ R705(b) PTA-Bef iss-----550
☐ R705(d) PTA-Aft iss-----551
☐ R705(c)PTA-SpiteDueCare-552
☐ Other _____

2. LIST PAPERS FILED WITH PETITIONS

<input type="checkbox"/> PreAmdt/Amdt	<input type="checkbox"/> CPA	<input type="checkbox"/> Associate POA
<input type="checkbox"/> Request CofC	<input type="checkbox"/> RCE	<input type="checkbox"/> Terminal Disclaimer
<input type="checkbox"/> Reply/Arguments	<input type="checkbox"/> IDS	<input type="checkbox"/> Change of Address
<input type="checkbox"/> Election	<input type="checkbox"/> 129(a) Submsn	<input type="checkbox"/> Revocation/Poa
<input type="checkbox"/> Notice of Appeal	<input type="checkbox"/> Issue Fee	<input type="checkbox"/> Priority Documents
<input type="checkbox"/> Brief (3)	<input type="checkbox"/> Drawings	<input type="checkbox"/> Oath/Decl. & POA
<input type="checkbox"/> Reply Brief	<input type="checkbox"/> Rule 312 Amdt	<input type="checkbox"/> Rescind Non-Pub Req.
<input type="checkbox"/> Declaration R132	<input type="checkbox"/> Ext Time ()	<input type="checkbox"/> Statement 3.73(b)

Other Papers _____

3. Is paper a petition to withdraw holding of abandonment: yes no
 If so, send paper and/or file to appropriate location (**Note: remove any flag set first**):

- Nonreceipt of action from TC or assertion that reply was timely filed:
 Send paper to TC _____
- Nonreceipt of Missing Parts Notice or assertion that reply was timely filed:
 Send paper to DIRECTOR -OICE - -CP2-7D25 (PH: 308-0910)
- Assertion of timely payment of issue fee and/or submission of drawings:
 Send petition to Office of Publications: ATTN: Tom Hawkins
- Other _____

4. Other: PCT

If not handled in Office of Petitions, send paper to appropriate location.

5. Is petition accompanied by assignment papers, fee address, or other paper which needs to be sent to another location? yes no If so, make copy of assignment papers, fee address, or other paper; mail original to proper location and place copy in file with an indication that the original paper(s) has been forwarded to the appropriate location (Assignment Branch; Maintenance Fee Division, etc.)



UNITED STATES PATENT AND TRADEMARK OFFICE

COPY

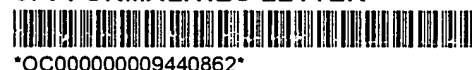
 Commissioner for Patents, Box PCT
 United States Patent and Trademark Office
 Washington, D.C. 20231
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/069,809	Lydia Lee SOHN	PRINP003

INTERNATIONAL APPLICATION NO.	
PCT/US00/23652	
I.A. FILING DATE	PRIORITY DATE
08/28/2000	08/26/1999

 22434
 BEYER WEAVER & THOMAS LLP
 P.O. BOX 778
 BERKELEY, CA 94704-0778

BEYER WEAVER & ATTY: JKW ASST: LW ACTION: <u>NOT to comply</u> <u>Req.</u> DUE DATES: <u>03-30-03</u> DOCKETED: <u>2/7</u> BY: <u>JN</u> DOCKET NO.: <u>DPINP003</u>
--

 CONFIRMATION NO. 7166
 371 FORMALITIES LETTER


OC000000009440862

Date Mailed: 01/30/2003

NOTIFICATION TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

The following items **MUST** be furnished within the period set forth below:

- The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):
 - This application does not contain a "Sequence Listing" as a separate part of the disclosure on paper copy or compact disc, as required by 37 CFR 1.821(c).
 - A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e).
 - APPLICANT MUST PROVIDE:
 - An initial or substitute computer readable form (CRF) of the "Sequence Listing."
 - An initial or substitute paper copy or compact disc of the "Sequence Listing," as well as an amendment directing its entry into the specification.
- For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:
 - For Rules Interpretation, call (703) 308-4216
 - To Purchase PatentIn Software, call (703) 306-2600
 - For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

FRANCINE YOUNG

Telephone: (703) 305-3662

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/069,809	PCT/US00/23652	PRINP003



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box PCT
United States Patent and Trademark Office
Washington, D.C. 20231
www.uspto.gov

U.S. APPLICATION NUMBER NO. 10/069,809	FIRST NAMED APPLICANT Lydia Lee SOHN	ATTY. DOCKET NO. PRINP003
---	---	------------------------------

22434
BEYER WEAVER & THOMAS LLP
P.O. BOX 778
BERKELEY, CA 94704-0778

INTERNATIONAL APPLICATION NO. PCT/US00/23652	
IA. FILING DATE 08/28/2000	PRIORITY DATE 08/26/1999

CONFIRMATION NO. 7166
371 FORMALITIES LETTER



OC000000008244895

Date Mailed: 06/07/2002

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fees
- Priority Document
- Copy of the International Application
- Copy of the International Search Report
- Request for Immediate Examination

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- \$130 Surcharge for providing the oath or declaration later than the appropriate 30 months months from the priority date (37 CFR 1.492(e)) is required.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Late oath or declaration Surcharge.

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

FRANCINE YOUNG

Telephone: (703) 305-3662

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/069,809	PCT/US00/23652	PRINP003

FORM PCT/DO/EO/905 (371 Formalities Notice)



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box PCT
 United States Patent and Trademark Office
 Washington, D.C. 20231
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/069,809	Lydia Lee SOHN	PRINP003

INTERNATIONAL APPLICATION NO.

PCT/US00/23652

I.A. FILING DATE	PRIORITY DATE
------------------	---------------

08/28/2000

08/26/1999

22434
 BEYER WEAVER & THOMAS LLP
 P.O. BOX 778
 BERKELEY, CA 94704-0778

CONFIRMATION NO. 7166

371 WITHDRAWAL NOTICE



OC000000009410635

Date Mailed: 01/30/2003

WITHDRAWAL OF PREVIOUSLY SENT NOTICE

The Acceptance Notice mailed on 06/07/2002 was sent in error and is hereby withdrawn. A corrected Notice is enclosed. The time period for reply runs from the mail date of the enclosed Notice. We apologize for any inconvenience this caused.

FRANCINE YOUNG

Telephone: (703) 305-3662

PART 1 - ATTORNEY/APPLICANT COPY